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1.

2.

3.

HIP AND KNEE REPLACEMENT SURGERY PRIORITY CRITERIA TOOL

			PLI	EAS	E PRINT	CI	EARLY		
P	rovincial Heal atient Name: _	th C	are Number	r:					
P	atient Age:			Sea	k: [circle one]M	F		
Γ	Fick one box]		Left Hip		Right Hip		Left Knee		Right Knee
Γ	lick one box]		Primary	٥	J Revision				
I	Diagnosis:								
5	urgeon's Nam	ie:			I	hone	:		
I)ate:								
	s must be on a gaids, shoe in:			-surg	ical treatmer	ıt pri	or to evalua	tion	(e.g. medications,
Please	check the box	that	most accur	ately	describes th	e pat	ient's currei	rt sit	uation
0	n on motion (e None/mild Moderate Severe	e.g. v	valking, be	ndin	g): *		-		
000	n at rest (e.g. v None Mild Moderate Severe	while	e sitting, lyi	ing d	own, or caus	ing s	lleep disturl	anc	e): *
* Take t		ual d licati	luration, in on.	tensit	y, and freque	ncy o	of pain, incl	ıding	need for narcotto
000	ity to walk wi Over 5 block 1-5 blocks <1 block Household a	KS.	-	nt pai	in :			٠	
sex	er functional al activity, ba No limitation	athin						s, si	iting to standing,
0	Mild limitati	ons -							
0	Moderate lin Severe limita							OTA 01	assistance
L.	DOACIG HUIR		2 - miwarie m	, horr	O 111036 861	- 4 TMC	· •		

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5.	Abn	ormal findi	ngs on phys	ical exam	related	to affect	ed joir	nt (e.g.	deform	ity,	
	inst	ability, leg le None/mild	ngth differe	ence, rest	riction of	range o	f moti	ion on e	xamina	tion):	
	_	Moderate									
		Severe ·									•
6.	recu wear	ntial for pro rrent disloca r, impending None	ation, x-ra	ıy eviden	ocument e of pro	ed by ra trusion,	diogra signif	aphic fir icant be	idings (one loss	(e.g. s, compo	nent
		Mild									
		Moderate Severe									
	*	* Predomina gament insta	ntly applies bility, bone l	to revisio loss)	ns, use in	primary	cases	only in s	pecial o	circumsta	ances (e.g.
7.	depe	at to patient ndants, live Not threater	independen ed but more	tly (diffic difficult	ice in soc ulty mus	iety (i.e. t be rela	abilit ted to	y to wor affected	k, give l joint))	care to	
		Threatened Immediately									
	J	miniculatory	meatened	or mranie							
8.	patie					ırgency	or rela	ative pri	ority o	f this	
			ss the scale				· <u>-</u> .				
		Not Urge	ent at all				(just	Extrem short of	ely Urg	gent ergency))
							•			, G,	
9.]	in you Yumb	r clinical jud er of weeks_	gement wha	at should i	be the ma Number	ximum v	waitin _i hs	g time fo	r this p	atient?	
10.	first s	ur practice b see the paties	rt?								•
	Numi	per of days _	OR	Number o	f weeks_		OR	l Numbe	r of mo	nths	
Ple	se rec	ord any com	ments on th	e form, cı	iteria or	process:	 -				
		·	•								
											
									····		· · · · · · · · · · · · · · · · · · ·
						· · · · · · · · · · · · · · · · · · ·					
											·
											
		·						·····			
			•								

(PRIOR ART)

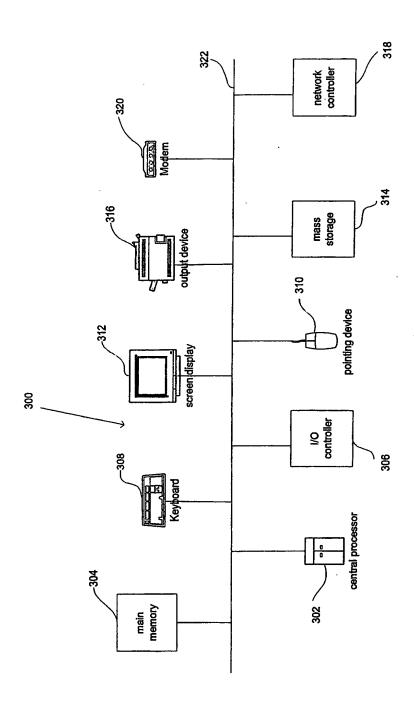


FIGURE 3

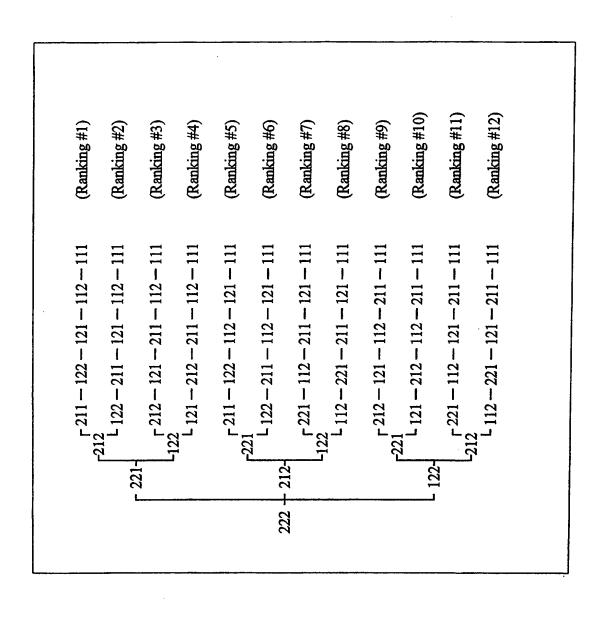


FIGURE 4

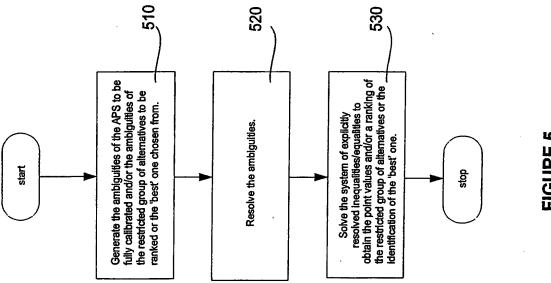


FIGURE 5

versus	221	212	122	112	121	211
(٧٤)	a2+b2+c1	a2+b1+c2	a1+b2+c2	a1+b1+c2	a1+b2+c1	a2+b1+c1
221		b2+c1	a2+c1	a2+b2+c1		
a2+b2+c1		vs	λ	λ	п.а.	n.a.
		b1+c2	a1+c2	a1+b1+c2		
212			a2+b1		a2+b1+c2	
a2+b1+c2			2/2	n.a.	λλ	n.a.
			a1+b2		a1+b2+c1	
122						a1+b2+c2
a1+b2+c2				n.a.	n.a.	NS
						a2+b1+c1
112					20+19	a1+c2
a1+b1+c2					ys Fotor	2V 10+CX
121					12	01+10
a1+b2+c1						SV.
						a2+b1
211						
a2+b1+c1						

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	Categories		Pairwise comparison		Total ambiguities	Unique ambiguities
(x)	(y)	() *)	$y^{x}(y^{x}-1)/2$		(Equation 1)	(Equation 2)
3	2	8	28	2 nd	6	3
				3 rd	3	<u>3</u>
				All degrees:	9	6
3	3	27 .	351	2 nd	81	27
				3 rd	<u>81</u> .	81
				All degrees:	162	108
3	4	64	2,016	2 nd	432	108
				3 rd	<u>648</u>	<u>648</u>
				All degrees:	1,080	756
4	2	16	120	2 nd	24	6
				3 rd	24	12
				4 th	2	2
				All degrees:	55	25
4	3	81	3,240	2 nd	486	54
				3 rd	972	324
				4 th	<u> 567</u>	<u>567</u>
				All degrees:	2,025	945
4	4	256	32,640	2 nd	3,456	216
				3 rd	10,368	2,592
	•			4 th	9.072	9.072
				All degrees:	22,896	11,880
4	5	625	195,000	2 nd	15,000	600
				3 rd	60,000	12,000
				4 th	<u>70.000</u>	70,000
				All degrees:	145,000	82,600
5	2	32	496	2 nd	80	10
				3 rd	120	30
				4 th	70	35
				5 th	<u>15</u>	<u>15</u>
				All degrees:	285	90
5	3	243	29,403	2 nd	2,430	90
			•	3 rd	7,290	810
				4 th	8,505	2,835
				5 th	3,645	3,645
				All degrees:	21,870	7,380

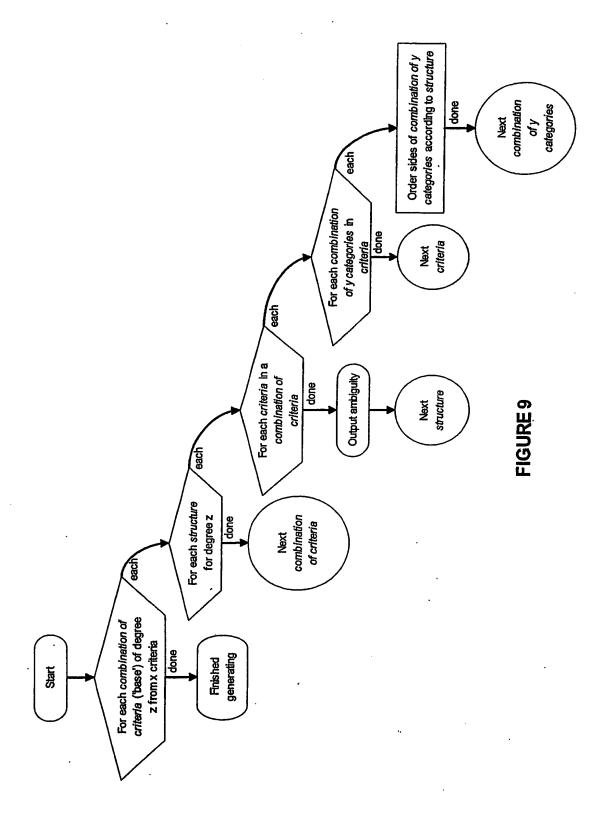
FIGURE 7

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		es Profiles	Pairwise comparisor $y^{t}(y^{t}-1)/2$	Degrees as	Total ambiguities	Unique ambiguities
_(<u>x</u>)	(v) 4	1,024	523,776	2 nd	(Equation 1) 23,040	(Equation 2)
5	4	1,024	323,770	3 rd		360
				3 4 ^ն հ	103,680	6,480
				5 th	181,440	45,360
				_	116,640	116640
		2 1 2 5	4004050	All degree:		168.840
5	5	3,125	4,881,250	2 nd	125,000	1,000
				3 rd	750,000	30,000
				4 th	1,750,000	350,000
				5 th	1,500,00 0	1,500,000
				All degrees		1.881.000
6	2	64	2,016	2 nd	240	15
				3 rd	480	60
				4 th	.420	105
				5 th	180	90
				6 th	31	31
				<u>All degrees</u>	: 1.351	301
6	3	729	265,356	2 nd	10,935	135
				3^{rd}	43,740	1,620
				4 th	76,545	8,505
				5 th	65,610	21,870
				6 th	22,599	22,599
				<u>All degrees</u>	: 219,429	54.729
6	4	4,096	8,386,560	2 nd	138,240	540
				3 rd	829,440	12,960
				4 th	2,177,280	136,080
				5 th	2,799,360	699,840
				6 th	1,446,336	1,446,336
				<u>All degrees</u>	: 7.390.656	2,295,756
10	4 1,0	48,576 54	9,755,289,6	500 2 nd	106,168,320	1,620
	•	•		2rd	1,274,019,840	77,760
				4 th	7,803,371,520	1,905,120
				5 th	30,098,718,720	29,393,280
				6 th	77,755,023,360	303,730,560
				7 th	135,444,234,240	
				8 th	153,584,087,040	
					102,792,499,200	
				10 th	30,898,215,936	
					539,756,33876	

FIGURE 8



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3 rd -degree ambiguity	Sufficient conditions for LHS > RHS of the 3 rd -degree ambiguity
7 - 01 - 0 - 07	a2 + c1 > a1 + c2
(4) a + b + c + c + c + b + c + c	or $a2 + c1 = a1 + c2$
	or $b2 + c1 > b1 + c2$
	or $b2 + c1 = b1 + c2$
	b1 + c2 > b2 + c1
(5) $az + b1 + c2$ vs $a1 + b2 + c1$	or $b1 + c2 > b2 + c1$
	or $a2 + b1 = a1 + b2$
	or $a2 + b1 = a1 + b2$
0 0 0 0	a1 + c2 > a2 + c1
$(0) a_1 + 62 + 62 w a_2 + 61 + 61$	or $a1 + c2 = a2 + c1$
	or $a1 + b2 > a2 + b1$
	or $a1 + b2 = a2 + b1$

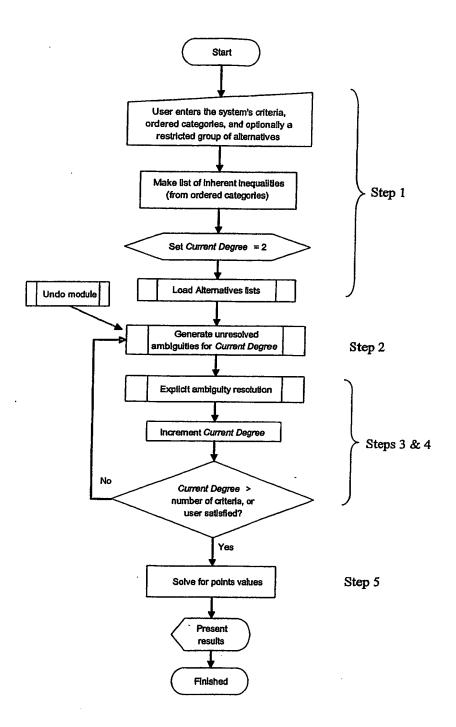


FIGURE 11

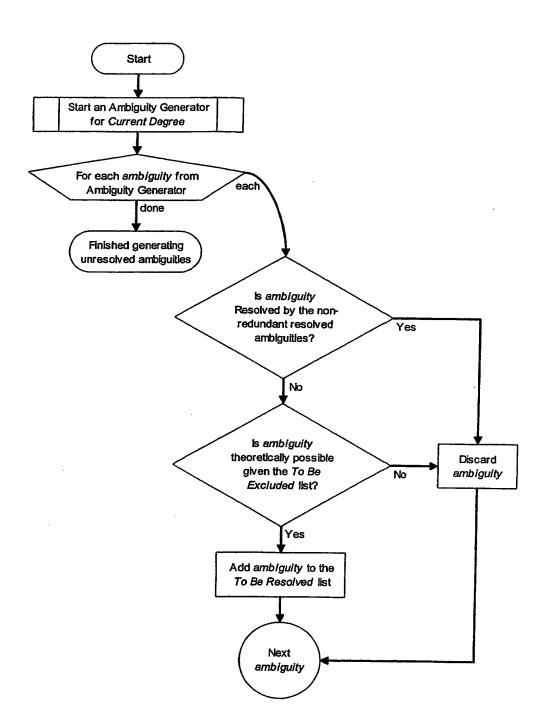


FIGURE 12

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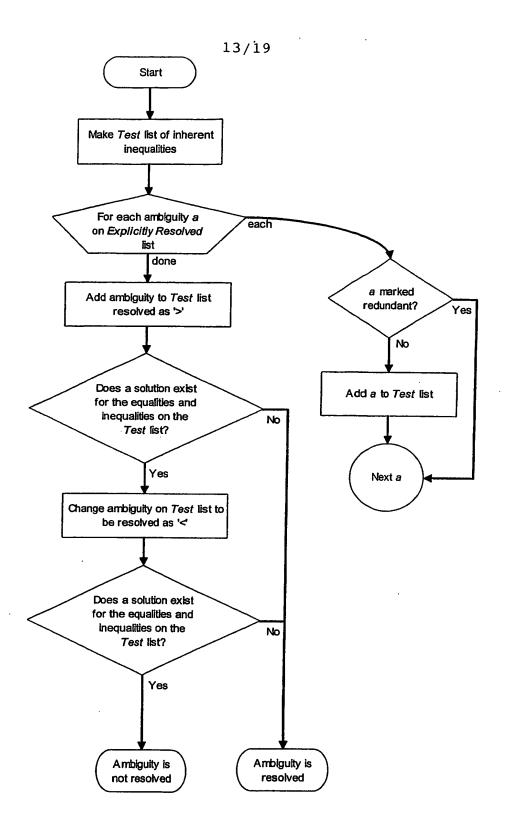


FIGURE 13

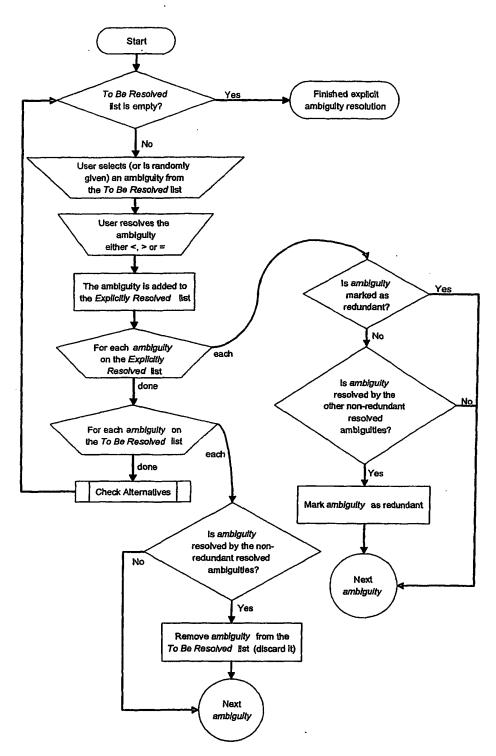
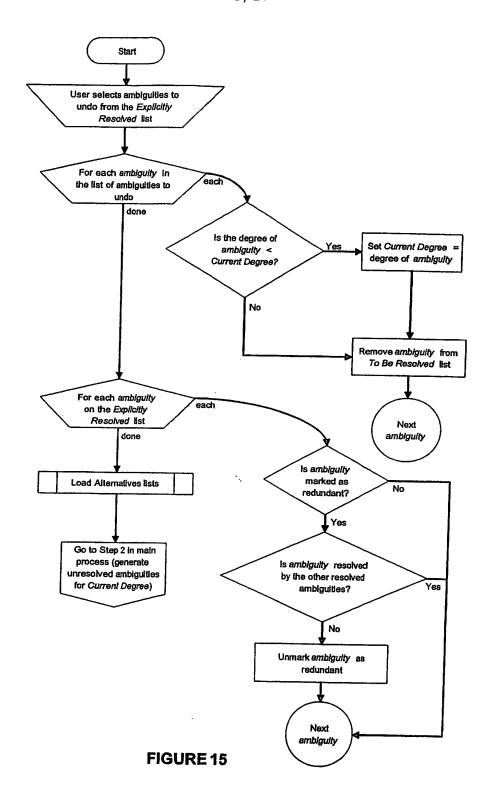


FIGURE 14

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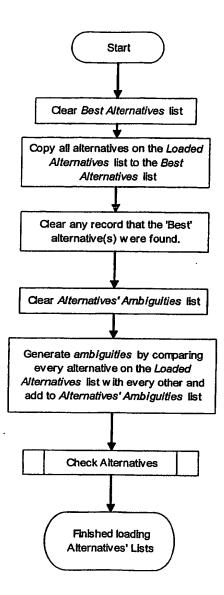


FIGURE 16



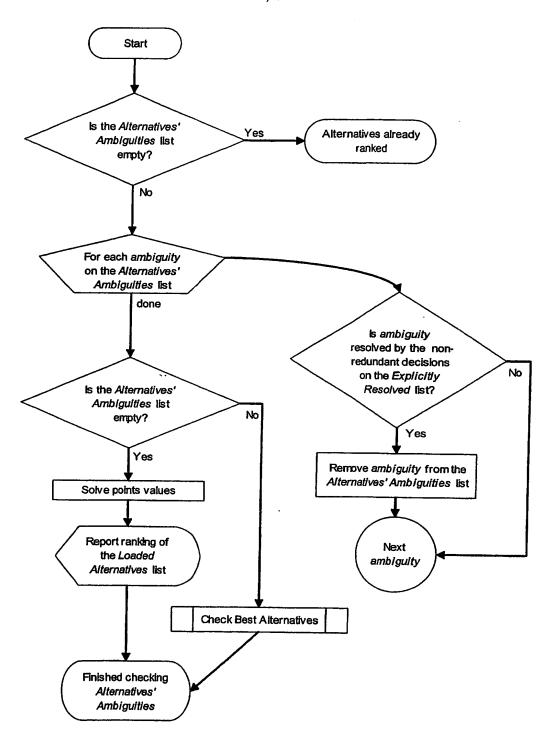


FIGURE 17

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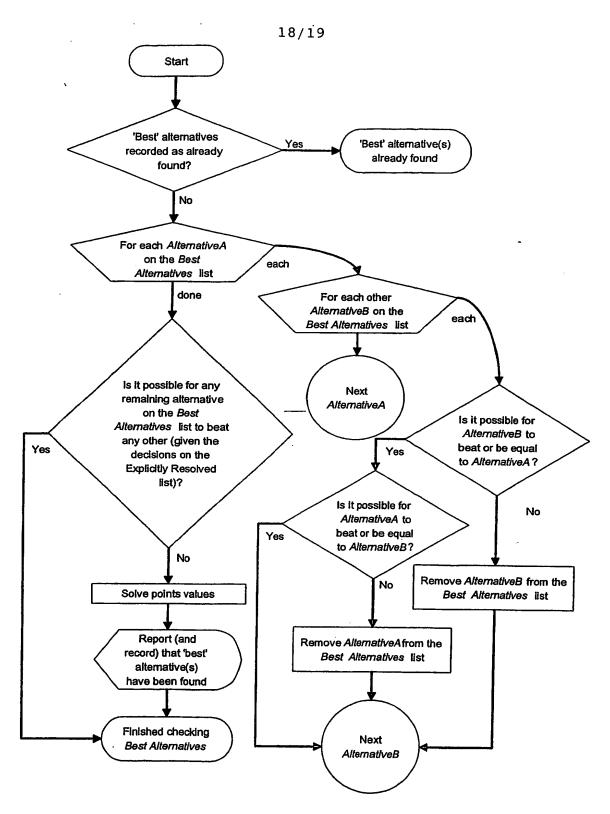
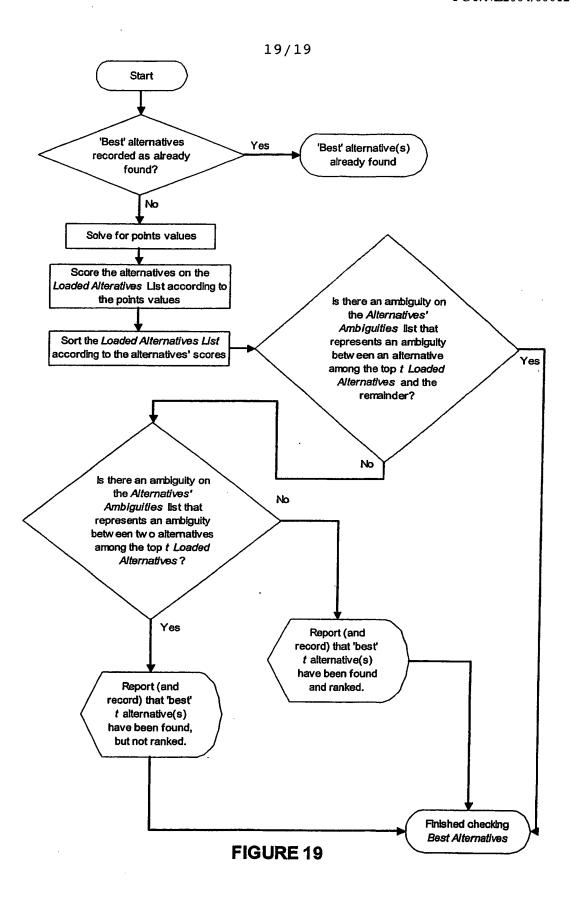


FIGURE 18



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